Transportation/Street Address Database Standards Meeting
July 14, 2004 Committee Meeting

Present: Larry Zink, Dick Genrich, Gail Knapp, Jim Langtry, Ed Kelley, Kara Thielen, Kim Menke, Kathy Russell, Jerry Carlson, Rick Meter, Dan Cady, Rose Braun

Update: One Call is a new major interest in the database to be created and is willing to be a partner in some phase.

Kara Thielen of the Public Service Commission reported that on Aug. 24 – 25 she will be having discussions with the 15 vendors that bid on this project.

Kara will be looking at how the vendors will approach creating the database and the compatibility. She is hoping that in 2 years the database will be created.

A suggestion was made to have a field for last update or some means by which multiple users (including PSAPs) could easily identify features and/or attributes that have been changed since the last revision. This would allow for multiple users of the data to just modify new or changed features and in related datasets for which they have added additional attributes or other data. Kara will check with vendors to see if this is possible.

The Advisory Committee also suggested that for a wide range of applications (including emergency response) it would be very helpful to have multiple fields available for the street name aliases, since for many streets there are several names used by local folks. It was suggested that in addition to the primary or official street name, it would also be good to have fields available for the following aliases: (Federal, State, County, Local and Memorial). It was noted that the vendors who develop and maintain the data would not necessarily need to populate these aliases, but just provide the data fields and a methodology for integrating the aliases in future versions of the data set, as others populate these alias street names. Kara indicated that she would see if the data structure would allow for these possible aliases.

On Sept. 14 – 16 the selection of vendors will be made.

The Public Service Commission may subcontract with 4 or 5 contractors.

Kara will make sure the vendors understand that this information is public data and is state property.

This committee recommends that the database created by the Public Service Commission contract needs to be of an Open GIS standard/format that would allow the data (centerline and address attributes) to be imported directly into Intergraph and ESRI software.

NDOR will be the data steward and grab the best data available and cut-n-paste it into the database.

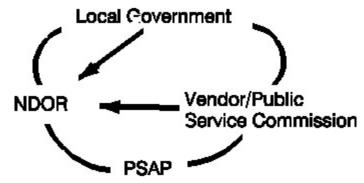Some suggested criteria for judging which is the "best data available" would include:
Spatial accuracy,
Correct addresses and
Currency of information.

NDOR will be striving to have local governments update their data online.

The work flow would look something like the following chart.

Updated list of Attributes of the Shared Data Base

1. Log Mile (NDOR)
2. Intersection ID (NDOR's IDs)
3. Intersection ID (Local ID's)
4. Line Segment ID (NDOR's IDs)
5. Line Segment ID (Local ID's)
6. Address Range – Lower Left Address (right Zip) from
        High Left Address ((left Zip) to
     Lower Right Address
     High Right Address
7. Line Direction (Internal to Data Structure)
8. Street Names and Alias
9. Street Prefix (beginning N, S, E, W)
10. Street Suffix (end N, S, E, W)

11. Street Type (Ave, St, Cir, etc)

Next steps – NDOR will get someone here from Intergraph to try to integrate databases.

NDOR will open the Douglas County Database and see how it fits.

NDOR will begin with what CALMIT has started and go from there.

At the next meeting the committee will have a discussion about what to standards to have in place for this data theme, if the Legislature passes the land modernization bill which could also provide funding for local governments to develop and maintain this dataset. At the next meeting we will also have a further discussion of the criteria that NDOR might use to determine which is the "best available" data, when it has data from multiple sources. We will also look at the draft Memorandum of Agreement between NDOR and the GIS Str. Cmte. related to NDOR's data stewardship of this dataset.

The next meeting will be August 18, 2004 at 10:00 AM in the Materials and Research Conference Room, Department of Roads.